

Image may be representation.
See specifications for product details.



XC2S50-5TQG144C

Manufacturer Part Number	XC2S50-5TQG144C
Manufacturer	AMD Xilinx
Allelco Part Number	32D-XC2S50-5TQG144C
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 92 I/O 144TQFP
Package	144-LQFP
Data sheet	XC2S50-5TQG144C.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

XC2S50-5TQG144C - AMD.New Original in Stock. Download Linear Technology XC2S50-5TQG144C datasheet/specifications on AllelcoElec.com.
Request a quote for XC2S50-5TQG144C, please send us email: info@allelco.com

Specifications

XC2S50-5TQG144C Tech Specifications
XC2S50-5TQG144C - AMD technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	AMD Xilinx	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	2.375V ~ 2.625V	Number of Logic Elements/Cells	1728
Total RAM Bits	32768	Number of LABs/CLBs	384
Supplier Device Package	144-TQFP (20x20)	Number of I/O	92
Series	Spartan®-II	Number of Gates	50000
Package / Case	144-LQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	XC2S50

Parts with Similar Specifications

The three parts on the right have similar specifications to AMD XC2S50-5TQG144C

Product Attribute				
Part Number	XC2S50-5TQG144C	XC2S50-6TQ144C	XC2S50-6PQG208C	XC2S50-6FG256C
Manufacturer	AMD	AMD	AMD	AMD
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	XC2S50	XC2S50	-	XC2S50
Package / Case	144-LQFP	144-LQFP	208-BFQFP	256-BGA
Number of LABs/CLBs	384	384	384	384
Series	Spartan®-II	Spartan®-II	Spartan®-II	Spartan®-II
Number of I/O	92	92	140	176
Package	Tray	Tray	Tray	Tray
Voltage - Supply	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Total RAM Bits	32768	32768	32768	32768
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	144-TQFP (20x20)	144-TQFP (20x20)	208-PQFP (28x28)	256-FBGA (17x17)
Number of Logic Elements/Cells	1728	1728	1728	1728
Number of Gates	50000	50000	50000	50000

XC2S50-5TQG144C Datasheet PDF

Download XC2S50-5TQG144C pdf datasheets and AMD documentation for XC2S50-5TQG144C - AMD.

PCN Assembly/Origin

2.73KHz.pdf

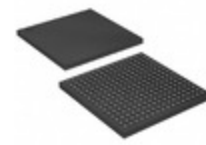
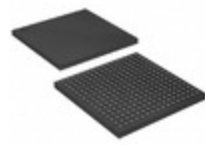
Environmental Information

Xilinx REACH211 Cert.pdf

Customers Also Interested in

Recommended Products

XC2S50-6TQ144C	XC2S50-6PQG208C	XC2S50-6FG256C	XC2S50-5TQ144I	XC2S50E-5TQ144C	XC2S50-5TQG144I
AMD	AMD	AMD	AMD	AMD Xilinx	AMD
IC FPGA 92 I/O 144TQFP	IC FPGA 140 I/O 208QFP	IC FPGA 176 I/O 256FBGA	IC FPGA 92 I/O 144TQFP		IC FPGA 92 I/O 144TQFP



XC2S50-6PQG208

AMD Xilinx

XC2S50-5PQG208I

AMD
IC FPGA 140 I/O 208QFP

XC2S50-5FG256I

AMD
IC FPGA 176 I/O 256FBGA

XC2S50-5FG256C

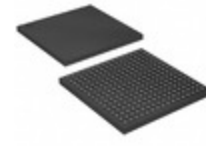
AMD
IC FPGA 176 I/O 256FBGA

XC2S50E-6FT256C

AMD Xilinx

XC2S50-5PQ208I

AMD
IC FPGA 140 I/O 208QFP



XC2S50-5PQG208C

AMD
IC FPGA 140 I/O 208QFP

XC2S50-5TQ144C

AMD
IC FPGA 92 I/O 144TQFP

XC2S50-6PQ208C

AMD
IC FPGA 140 I/O 208QFP

XC2S50-5FGG256C

AMD
IC FPGA 176 I/O 256FBGA

XC2S50-5FG256Q

AMD Xilinx

XC2S50-5PQ208C

AMD
IC FPGA 140 I/O 208QFP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
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Your Faithful Supply Chain Partner -

 Efficient Supply Management
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Certifications & Memberships



View More



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